



Matthew Hung

Assistant Professor of Radiology (Interventional Radiology)

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Matthew Hung, M.D. is a radiologist specializing in Vascular & Interventional Radiology. Dr. Hung earned his M.D. from the David Geffen School of Medicine at UCLA in 2018 and was a recipient of the David Geffen Medical Scholarship. He completed his Transitional Year internship at Memorial Sloan Kettering Cancer Center in 2019. Following completion of his integrated Interventional Radiology/Diagnostic Radiology residency at the Hospital of the University of Pennsylvania in 2024, he joined Stanford University Medical Center where he is currently a clinical assistant professor of radiology.

Dr. Hung specializes in lymphatic interventions, adrenal vein sampling, interventional oncology (minimally invasive cancer treatments including ablation, chemoembolization and radioembolization), the treatment of cirrhosis (end-stage liver disease) and portal hypertension, as well as therapies for uterine fibroids (uterine artery embolization) and benign prostatic hyperplasia (prostate artery embolization).

Dr. Hung is active in clinical research and his research interests include the above clinical domains as well as topics in general interventional radiology ranging from complex drainage to venous access device infections. He has published in peer-reviewed journals such as the Journal of Vascular and Interventional Radiology (JVIR) and presented at several professional society meetings, including the Society of Interventional Radiology (SIR). He was also a recipient of the SIR Radiology Resident Research Grant, investigating quality of life and muscle wasting in patients with refractory ascites.

CLINICAL FOCUS

- Prostate Artery Embolization
- Uterine Artery Embolization
- Percutaneous tumor ablation
- Chemoembolization, Therapeutic
- Radioembolization, Therapeutic
- Portal Hypertension
- Adrenal Vein Sampling

- Lymphatic Embolization
- Vascular and Interventional Radiology
- Diagnostic Radiology

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Radiology

PROFESSIONAL EDUCATION

- Medical Education: UCLA David Geffen School Of Medicine (2018) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2025)
- Residency: Hospital of the University of Pennsylvania Radiology Residency (2024) PA
- Internship: Memorial Sloan Kettering Cancer Center Transitional Year Training (2019) NY
- B.S., Massachusetts Institute of Technology (MIT) , Biological Engineering (2014)

Publications

PUBLICATIONS

- **Successful Lymphatic Embolization for Genital Lymphorrhea in the Setting of Chronic Venous Insufficiency.** *Journal of vascular and interventional radiology : JVIR*
Seo, Y., Loening, A. M., Hung, M. L.
2026; 108845
- **Hypercortisolism: A Prevalent and Complicating Factor in Primary Aldosteronism.** *Hypertension (Dallas, Tex. : 1979)*
Pasricha, S. V., Seav, S. M., Hung, M. L., Bhalla, V.
2026; 83 (5): e26810
- **Efficacy and safety of sequential transarterial embolization and cryoablation of renal masses greater than 3 cm.** *Urologic oncology*
Hung, M. L., Wang, R., Yu, C., Kim, J., Vezeridis, A. M., Picel, A. C., Gunn, A. J., Kothary, N.
2025
- **Atypical manifestation of pulmonary lymphatic perfusion syndrome treated with percutaneous lymphatic embolization.** *Respiratory medicine case reports*
Rezaee, M., Loening, A. M., Rockson, S., Hung, M.
2025; 58: 102327
- **Tunneled dialysis catheter placement in intensive care unit patients: influence of catheter tip design on clinical performance.** *CVIR endovascular*
Gurevich, A., Nadolski, G. J., Vance, A. Z., El-Ghazal, R. A., Cohen, R., Clark, T. W., Hung, M. L.
2025; 8 (1): 74
- **Transjugular intrahepatic portosystemic shunt creation using intravascular ultrasound vs fluoroscopic guidance: A dual-institution retrospective comparative study.** *World journal of hepatology*
Hung, M. L., Jairam, A., Carr, M., Berman, Z. T., Taddonio, M., Minocha, J., Aryafar, H., Mondschein, J. I., Soulen, M. C., Nadolski, G. J., Redmond, J.
2025; 17 (5): 106892
- **Long-term Outcomes Following Inferior Vena Cava Stent Placement Across the Renal Veins.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Arendt, V., Mabud, T., Kuo, W. T., Hofmann, L. V.
2025
- **Atypical manifestation of pulmonary lymphatic perfusion syndrome treated with percutaneous lymphatic embolization** *RESPIRATORY MEDICINE CASE REPORTS*
Rezaee, M., Loening, A. M., Rockson, S., Hung, M.
2025; 58

- **Perigraft Endoleak Embolization Following Stent Graft Repair of a Pulmonary Artery Pseudoaneurysm.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Ma, K. C., Lanfranco, A. R., Clark, T. W., Vance, A. Z.
2024
- **Adrenal Vein Sampling Results and Surgical Outcomes in Patients with Nonsuppressed Plasma Renin Activity.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Wachtel, H., Cohen, D. L., Fraker, D., Trerotola, S. O.
2024
- **The Crossing Sword Technique: Stabilizing the Jejunum During Percutaneous Jejunostomy.** *Cardiovascular and interventional radiology*
Hung, M. L., Shlansky-Goldberg, R. D.
2024; 47 (2): 265-267
- **Outcomes following Exchange and Upsizing of Malfunctioning Small-Caliber Double-J Ureteral Stents.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Nadolski, G. J., Mondschein, J., Cobb, R., Trerotola, S. O.
2023; 34 (11): 1908-1913
- **Comparison of Transthoracic Contrast Echocardiography with High-Resolution Chest CT after Embolization of Pulmonary Arteriovenous Malformation.** *Journal of vascular and interventional radiology : JVIR*
Curnes, N. R., Hung, M. L., DePietro, D. M., Ferrari, V. A., Drivas, T. G., Chittams, J., Quinn, R., Trerotola, S. O.
2023; 34 (8): 1435-1440
- **Non-invasive mass and temperature quantifications with spectral CT.** *Scientific reports*
Liu, L. P., Hwang, M., Hung, M., Soulen, M. C., Schaer, T. P., Shapira, N., Noël, P. B.
2023; 13 (1): 6109
- **Adrenal Vein Sampling Results and Surgical Outcomes in Patients with a Normal Plasma Aldosterone Concentration.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Wachtel, H., Cohen, D. L., Fraker, D., Trerotola, S. O.
2023; 34 (3): 474-478
- **Outcomes after Transgastric Drainage of Pancreatic Duct Leaks.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Ma, S., Shlansky-Goldberg, R. D.
2023; 34 (2): 277-283
- **Transarterial Chemoembolization of Hepatocellular Carcinoma with Oncozene Microspheres: An Initial, Short-Term Clinical Experience-A Retrospective, Matched, Comparison Study.** *Life (Basel, Switzerland)*
Hung, M. L., Jiang, J., Trieu, H., Hao, F., Eghbalieh, N., Ding, P. X., Lee, E. W.
2021; 11 (7)
- **Endovascular IVC Reconstruction in an 18 Year Old Patient with Subtotal IVC Atresia.** *EJVES vascular forum*
Hung, M. L., Kwon, D., Sudheendra, D.
2021; 52: 5-10
- **Infectious Recidivism in Tunneled Dialysis Catheters Removed for Bloodstream Infection in the Intensive Care Unit.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., DePietro, D. M., Trerotola, S. O.
2021; 32 (5): 650-655
- **Laboratory, Clinical, and Survival Outcomes Associated With Peptide Receptor Radionuclide Therapy in Patients With Gastroenteropancreatic Neuroendocrine Tumors.** *JAMA network open*
Kipnis, S. T., Hung, M., Kumar, S., Heckert, J. M., Lee, H., Bennett, B., Soulen, M. C., Pryma, D. A., Mankoff, D. A., Metz, D. C., Eads, J. R., Katona, B. W.
2021; 4 (3): e212274
- **Timely diagnosis and staging of non-alcoholic fatty liver disease using transient elastography and clinical parameters.** *JGH open : an open access journal of gastroenterology and hepatology*
Shieh, C., Halegoua-De Marzio, D. L., Hung, M. L., Fenkel, J. M., Herrine, S. K.
2020; 4 (5): 1002-1006

- **Role of Venous Access Port Cultures in the Management of Port-Related Infections.** *Journal of vascular and interventional radiology : JVIR*
Hung, M. L., Trerotola, S. O.
2020; 31 (9): 1437-1441
- **Role of Transjugular Intrahepatic Portosystemic Shunt in the Management of Portal Hypertension: Review and Update of the Literature.** *Clinics in liver disease*
Hung, M. L., Lee, E. W.
2019; 23 (4): 737-754
- **A reality check in transradial access: a single-centre comparison of transradial and transfemoral access for abdominal and peripheral intervention.** *European radiology*
Hung, M. L., Lee, E. W., McWilliams, J. P., Padia, S. A., Ding, P., Kee, S. T.
2019; 29 (1): 68-74
- **Association of Radioactive Iodine Administration After Reoperation With Outcomes Among Patients With Recurrent or Persistent Papillary Thyroid Cancer.** *JAMA surgery*
Hung, M. L., Wu, J. X., Li, N., Livhits, M. J., Yeh, M. W.
2018; 153 (12): 1098-1104
- **Portal vein embolization prior to hepatectomy: Techniques, outcomes and novel therapeutic approaches** *INTERNATIONAL JOURNAL OF GASTROINTESTINAL INTERVENTION*
Hung, M. L., McWilliams, J. P.
2018; 7 (1): 2-8
- **Npas4 Is a Critical Regulator of Learning-Induced Plasticity at Mossy Fiber-CA3 Synapses during Contextual Memory Formation.** *Neuron*
Weng, F. J., Garcia, R. I., Lutz, S., Alviña, K., Zhang, Y., Dushko, M., Ku, T., Zemoura, K., Rich, D., Garcia-Dominguez, D., Hung, M., Yelhekar, T. D., Sørensen, et al
2018; 97 (5): 1137-1152.e5
- **Association Between Hematologic and Inflammatory Markers and 31 Thrombotic and Hemorrhagic Events in Berlin Heart Excor Patients.** *Pediatric cardiology*
Iyengar, A., Hung, M. L., Asanad, K., Kwon, O. J., Jackson, N. J., Reemtsen, B. L., Federman, M. D., Biniwale, R. M.
2017; 38 (4): 770-777
- **Clinical Factors Influencing the Performance of Gene Expression Classifier Testing in Indeterminate Thyroid Nodules.** *Thyroid : official journal of the American Thyroid Association*
Wu, J. X., Young, S., Hung, M. L., Li, N., Yang, S. E., Cheung, D. S., Yeh, M. W., Livhits, M. J.
2016; 26 (7): 916-22